

SYSTEM TO OPTIMIZE SIGNAL POWER IN AN OPTICAL NETWORK

ABSTRACT OF THE INVENTION

System to optimize received power at an input to a component in a network
5 element that forms part of an optical network. The system includes a graphical user
interface (GUI) that guides an installer to allow optimal setting for a variable optical
attenuator (VOA) to be determined, thereby using the VOA to optimize the received
power at the component. Power parameters are determined for each card in a signal path
from the VOA to the input, and as part of the GUI, the system provides a display of
10 calculated and received power to the user, thereby allowing the user to determine the
optimal power setting.